

Amendments to the Clams:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) Polyaddition compounds containing uretdione groups, ~~obtainable~~ obtained by reacting uretdione polyisocyanates formed from aliphatic and/or cycloaliphatic diisocyanates having exclusively secondary- and/or tertiary-attached isocyanate groups with a molar fraction of isocyanurate structures, based on the sum of uretdione groups and isocyanurate groups, of not more than 10%, with compounds reactive towards isocyanates.

Claim 2. (Currently Amended) Process for preparing polyaddition compounds according to Claim 1, in which

A) uretdione polyisocyanates formed ~~[[by]]~~ from diisocyanates having exclusively secondary- and/or tertiary-attached isocyanate groups, with a molar fraction of isocyanurate structures, based on the sum of uretdione groups and isocyanurate groups, of not more than 10%, ~~together where appropriate with the use of~~ and optionally

B) further diisocyanates and/or polyisocyanates in an amount of up to 70% by weight, based on the total weight of components A) and B), are reacted with

C) polyols of the number average molecular weight range from 62 to 2 000 and optionally

D) further isocyanate-reactive monofunctional compounds in an amount of up to 40% by weight, based on the total weight of components C) and D),

while observing an equivalents ratio of isocyanate groups to isocyanate-reactive groups of from 1.8:1 to 0.6:1.

Claim 3. (Currently Amended) ~~Use of polyaddition compounds according to claim 1 as starting components in the preparation~~ A method of preparing polyurethane plastics comprising reacting the polyaddition compounds according to Claim 1 with compounds having isocyanate-reactive groups.

Claim 4. (Currently Amended) ~~Use of polyaddition compounds according to claim 1 as starting components in the preparation~~ A method of preparing mouldings and shaped parts comprising reacting the polyaddition compounds according to Claim 1 with compounds having isocyanate-reactive groups.

Claim 5. (Currently Amended) ~~Use of polyaddition compounds according to claim 1 as starting components in the preparation~~ A method of preparing coating materials and coatings comprising mixing the polyaddition compounds according to Claim 1 with compounds having isocyanate-reactive groups and one or more auxiliaries and additives selected from the group consisting of catalysts, pigments, fillers, levelling agents and combinations thereof.

Claim 6. (Currently Amended) Polyurethane plastics ~~obtainable~~ obtained by reacting the polyaddition compounds according to Claim 1 with compounds containing isocyanate-reactive groups.

Claim 7. (Original) Powder coating formulations comprising polyaddition compounds according to claim 1.

Claim 8. (Currently Amended) Method of coating substrates, characterized in that a substrate is first coated with a powder coating formulation according to claim [[6]] 7

and is then subjected to a heat treatment and/or to treatment with actinic light, in the course of which a coherent coating film forms on the substrate from the powder coating formulation.